

7-27-01

4

Please type a plus sign (+) inside this box



PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032 U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No.

120073.415D1

First Inventor

Michael R. Buckmaster

Title

SYSTEM AND METHOD FOR TESTING  
AN EMBEDDED MICROPROCESSOR  
SYSTEM CONTAINING PHYSICAL  
AND/OR SIMULATED HARDWARE

Express Mail Label No.

EL755724100US

PTO  
09/916148  
U.S. PATENT  
OFFICE



1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>29</u> ] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>3</u> ]	<b>ACCOMPANYING APPLICATION PARTS</b>	
5. Oath or Declaration [Total Sheets <u>2</u> ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)	
	11. <input type="checkbox"/> English Translation Document (if applicable)	
	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
	13. <input checked="" type="checkbox"/> Preliminary Amendment	
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) Should be specifically itemized	
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. Applicant must attach form 122(b)(2)(B)(i). PTO/SB/35 or its equivalent.	
	17. <input checked="" type="checkbox"/> Other: <u>Check</u> <u>Appointment of Associate Power of Attorney</u>	

18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) ☒ Claims priority from application no.

09/024,324 filed February 17, 1998 and allowed April 25, 2001.

Prior application information

Examiner Samuel Broda

Group Art Unit: 2123

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Correspondence address below

or:

Firm Name		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	
Address		 <b>00500</b> PATENT TRADEMARK OFFICE	
City, State, Zip			
Country			
Telephone			
Name (Print/Type)	Timothy L. Boller	Fax	
Signature		Registration No. (Attorney/Agent)	47,435
		Date	July 25, 2001


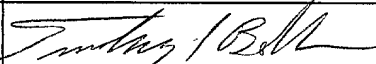
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

07/25/01  
JC682 U.S. PTO

09916148 072501

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="margin: 5px 0 0 40px;"><i>Patent fees are subject to annual revision.</i></p>		<p><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;"></td> </tr> <tr> <td>Filing Date</td> <td><b>July 25, 2001</b></td> </tr> <tr> <td>First Named Inventor</td> <td><b>Michael R. Buckmaster</b></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Attorney Docket No.</td> <td><b>120073.415D1</b></td> </tr> </table>		Application Number		Filing Date	<b>July 25, 2001</b>	First Named Inventor	<b>Michael R. Buckmaster</b>	Examiner Name		Group Art Unit		Attorney Docket No.	<b>120073.415D1</b>
Application Number															
Filing Date	<b>July 25, 2001</b>														
First Named Inventor	<b>Michael R. Buckmaster</b>														
Examiner Name															
Group Art Unit															
Attorney Docket No.	<b>120073.415D1</b>														
TOTAL AMOUNT OF PAYMENT	(\$)	<b>355</b>													

<p style="text-align: center;"><b>METHOD OF PAYMENT</b></p> <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: <b>19-1090</b></p> <p>Deposit Account Name: <b>Seed Intellectual Property Law Group PLLC</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit any overpayment to Deposit Account Number above</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed</p> <p><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <p style="text-align: center;"><b>FEE CALCULATION</b></p> <p><b>1. BASIC FILING FEE</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>710</td> <td>201</td> <td>355</td> <td>Utility filing fee</td> <td style="text-align: center;"><b>355</b></td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>490</td> <td>207</td> <td>245</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>710</td> <td>208</td> <td>355</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td style="text-align: center;">(\$)<b>355</b></td> </tr> </tbody> </table> <p><b>2. EXTRA CLAIM FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td style="text-align: center;"><b>7</b></td> <td style="text-align: center;">-20** = <b>0</b></td> <td style="text-align: center;">X <input type="text"/> = <input type="text"/></td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;"><b>0</b></td> <td style="text-align: center;">-3** = <b>0</b></td> <td style="text-align: center;">X <input type="text"/> = <input type="text"/></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td style="text-align: center;">X <input type="text"/> = <input type="text"/></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>80</td> <td>202</td> <td>40</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>270</td> <td>204</td> <td>135</td> <td>Multiple dependent claim, if not paid</td> </tr> <tr> <td>109</td> <td>80</td> <td>209</td> <td>40</td> <td>** Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td style="text-align: center;">(\$)<b>0</b></td> </tr> </tbody> </table> <p>**or number previously paid, if greater, For Reissues, see above</p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	710	201	355	Utility filing fee	<b>355</b>	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		<b>SUBTOTAL (1)</b>					(\$) <b>355</b>		Extra Claims	Fee from below	Fee Paid	Total Claims	<b>7</b>	-20** = <b>0</b>	X <input type="text"/> = <input type="text"/>	Independent Claims	<b>0</b>	-3** = <b>0</b>	X <input type="text"/> = <input type="text"/>	Multiple Dependent			X <input type="text"/> = <input type="text"/>	Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20	102	80	202	40	Independent claims in excess of 3	104	270	204	135	Multiple dependent claim, if not paid	109	80	209	40	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b>					(\$) <b>0</b>	<p style="text-align: center;"><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>130</td> <td>123</td> <td>130</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid      SUBTOTAL (3)      (\$)<b>0</b></p>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	130	123	130	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application	
Large Entity		Small Entity		Fee Description			Fee Paid																																																																																																																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																						
101	710	201	355	Utility filing fee	<b>355</b>																																																																																																																																																																																																																																																																																				
106	320	206	160	Design filing fee																																																																																																																																																																																																																																																																																					
107	490	207	245	Plant filing fee																																																																																																																																																																																																																																																																																					
108	710	208	355	Reissue filing fee																																																																																																																																																																																																																																																																																					
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																					
<b>SUBTOTAL (1)</b>					(\$) <b>355</b>																																																																																																																																																																																																																																																																																				
	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																																																																																																						
Total Claims	<b>7</b>	-20** = <b>0</b>	X <input type="text"/> = <input type="text"/>																																																																																																																																																																																																																																																																																						
Independent Claims	<b>0</b>	-3** = <b>0</b>	X <input type="text"/> = <input type="text"/>																																																																																																																																																																																																																																																																																						
Multiple Dependent			X <input type="text"/> = <input type="text"/>																																																																																																																																																																																																																																																																																						
Large Entity		Small Entity		Fee Description																																																																																																																																																																																																																																																																																					
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																						
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																																																					
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																																																																																																																					
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																																																					
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																																																																																																																																					
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																					
<b>SUBTOTAL (2)</b>					(\$) <b>0</b>																																																																																																																																																																																																																																																																																				
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																																																																																																																				
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																																																																																																																						
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																					
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																					
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																					
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																																					
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																					
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																					
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																					
116	390	216	195	Extension for reply within second month																																																																																																																																																																																																																																																																																					
117	890	217	445	Extension for reply within third month																																																																																																																																																																																																																																																																																					
118	1,390	218	695	Extension for reply within fourth month																																																																																																																																																																																																																																																																																					
128	1,890	228	945	Extension for reply within fifth month																																																																																																																																																																																																																																																																																					
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																																					
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																					
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																																					
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																					
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																					
141	1,240	241	620	Petition to revive - unintentional																																																																																																																																																																																																																																																																																					
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																					
143	440	243	220	Design issue fee																																																																																																																																																																																																																																																																																					
144	600	244	300	Plant issue fee																																																																																																																																																																																																																																																																																					
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																					
123	130	123	130	Petitions related to provisional applications																																																																																																																																																																																																																																																																																					
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																					
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																					
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																					
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																					
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																					
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																					

<b>SUBMITTED BY</b>		<b>Registration No</b>		<b>47,435</b>		
Name (Print/Type)	<b>Timothy L. Boller</b>	Attorney/Agent		 <b>00500</b> PATENT TRADEMARK OFFICE		
Firm Name/Address						
Signature						
	Date	July 25, 2001				